

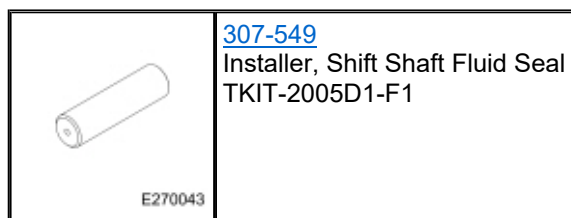
307-01 Automatic Transmission - 10-Speed Automatic Transmission - 10R80  
Removal and Installation

2019 Ranger  
Procedure revision date: 12/13/2018

### Selector Shaft Seal

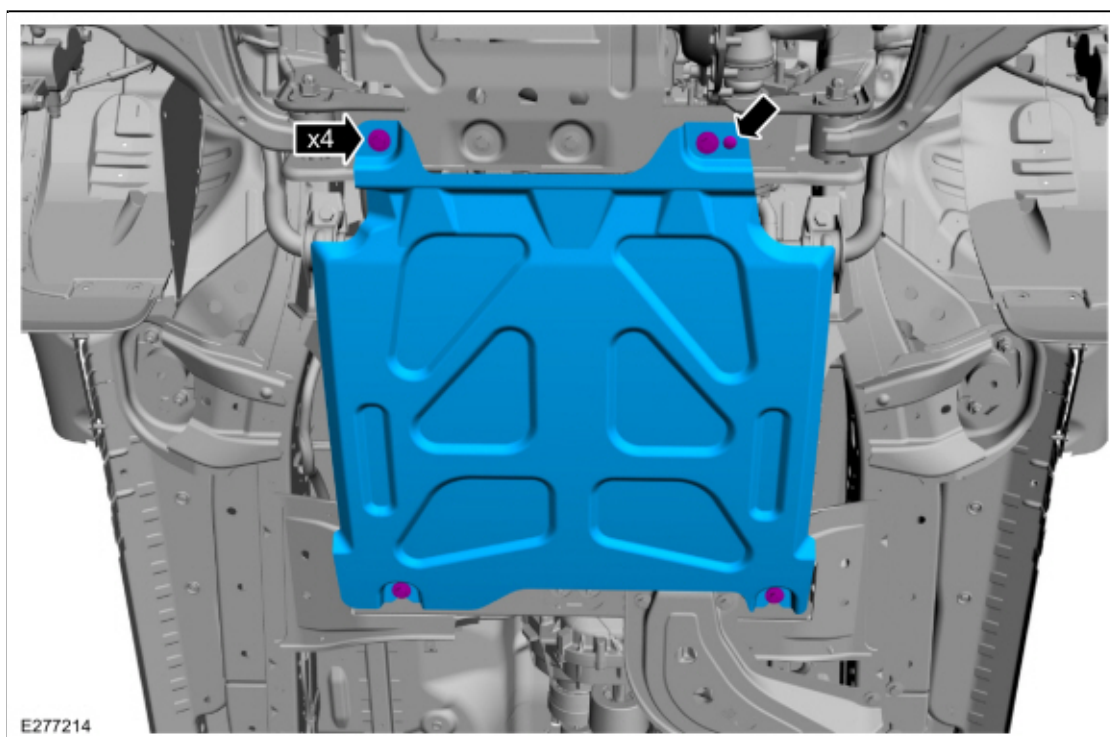
Base Part Number: 7F337

### Special Tool(s) / General Equipment



### Removal

1. With the vehicle in NEUTRAL, position it on a hoist.  
Refer to: [Jacking and Lifting](#) (100-02 Jacking and Lifting, Description and Operation).
2. If equipped, remove the bolts, release the retainer and remove the splash shield.



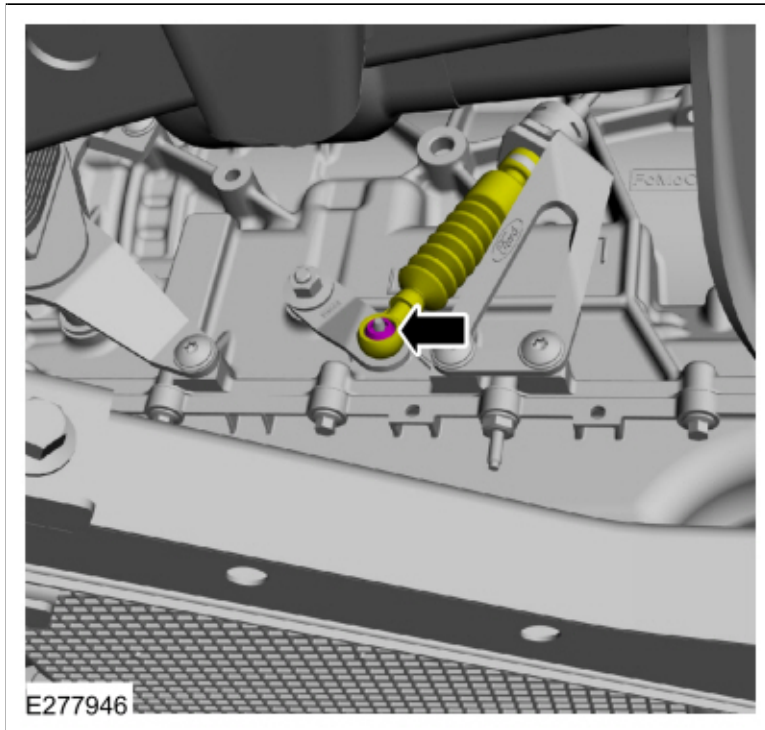
### Four-Wheel Drive (4WD) vehicles

3. Remove the front driveshaft assembly.  
Refer to: [Front Driveshaft](#) (205-01 Driveshaft, Removal and Installation).

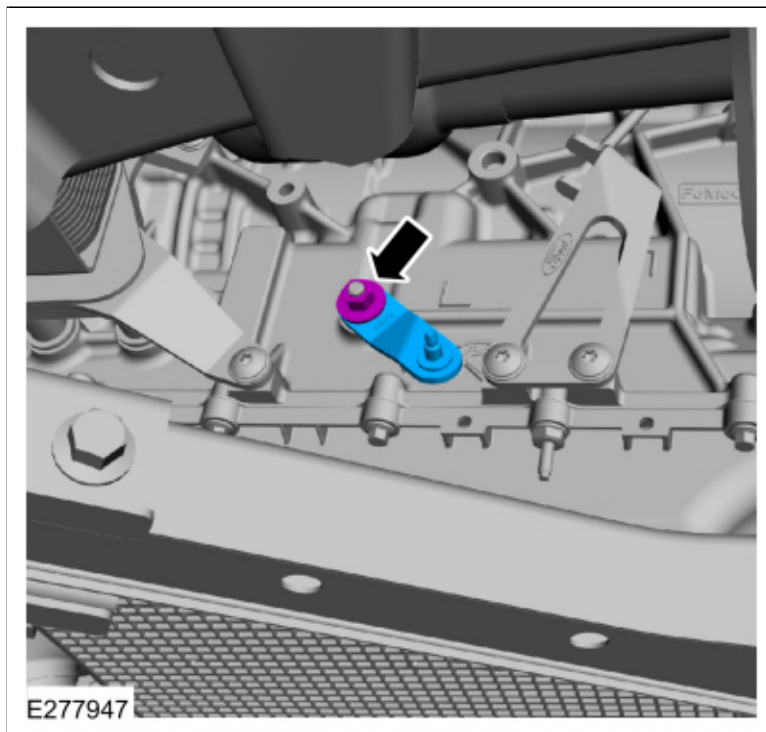
**All vehicles**

4. **NOTICE:** Take extra care when handling selector lever cable.

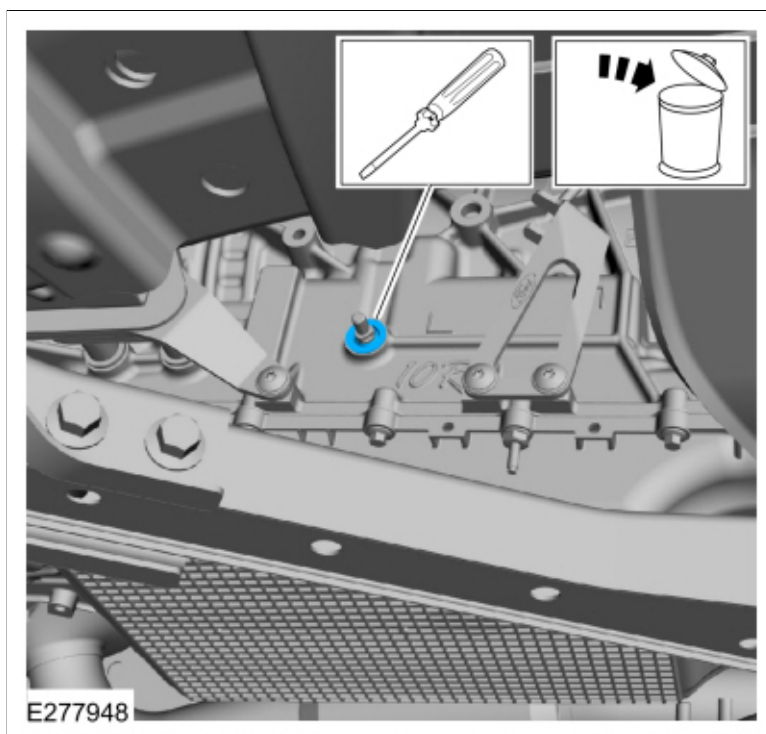
Disconnect the selector lever cable from the manual control lever.



5. Remove the nut and the manual control lever.

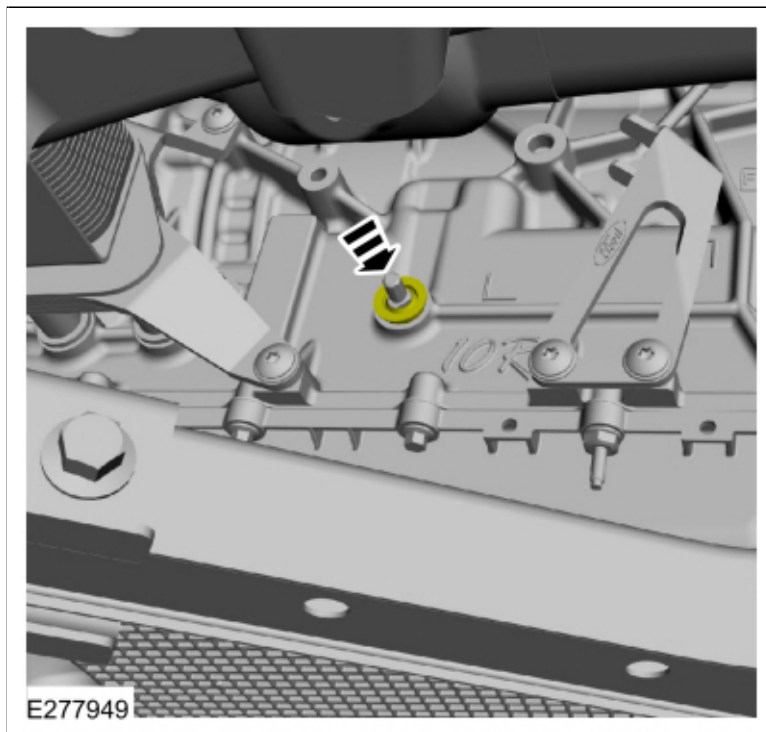


6. Remove and discard the selector shaft seal (7F337).

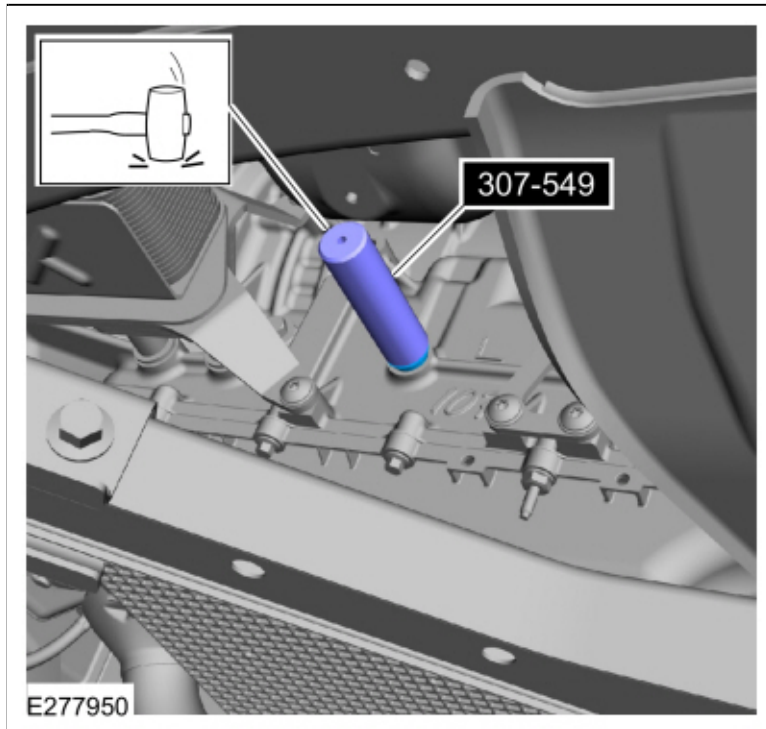


## Installation

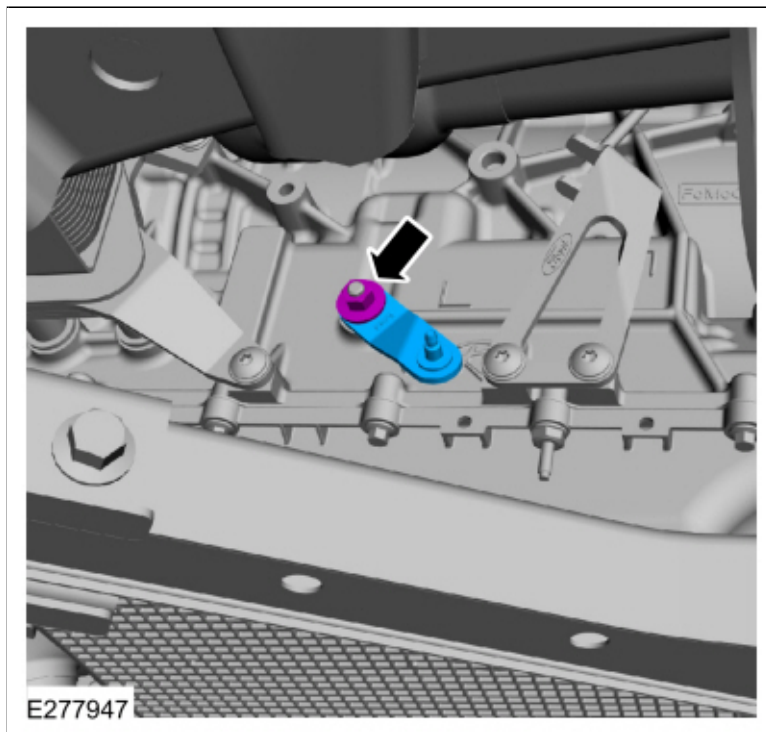
1. Slide the selector shaft seal onto the manual shaft.



2. Using the special tool, install the selector shaft seal.  
Use Special Service Tool: [307-549 Installer, Shift Shaft Fluid Seal](#).

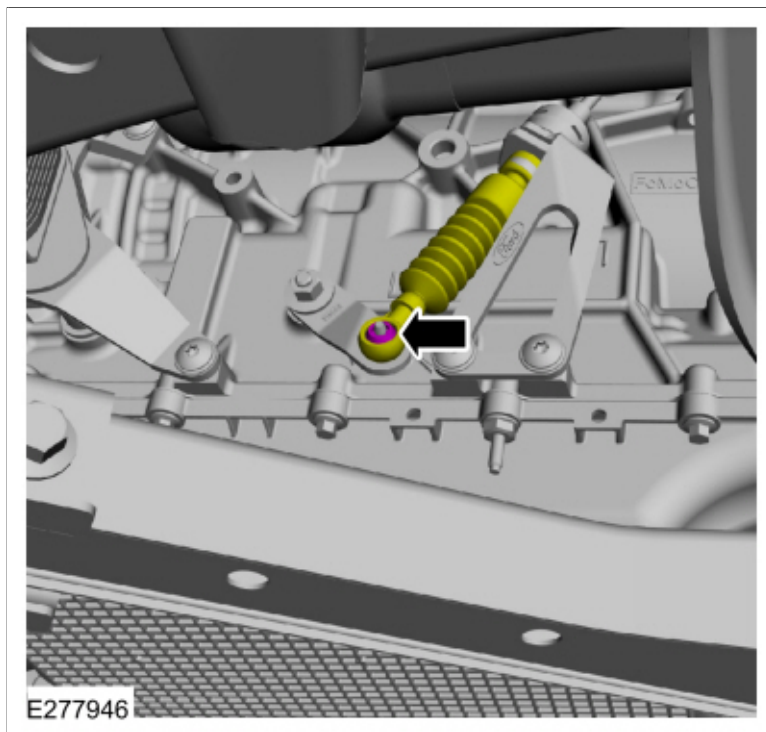


3. Install the manual control lever and nut.  
*Torque: 106 lb.in (12 Nm)*



4. **NOTICE:** Take extra care when handling selector lever cable.

Connect the selector lever cable to the manual control lever.

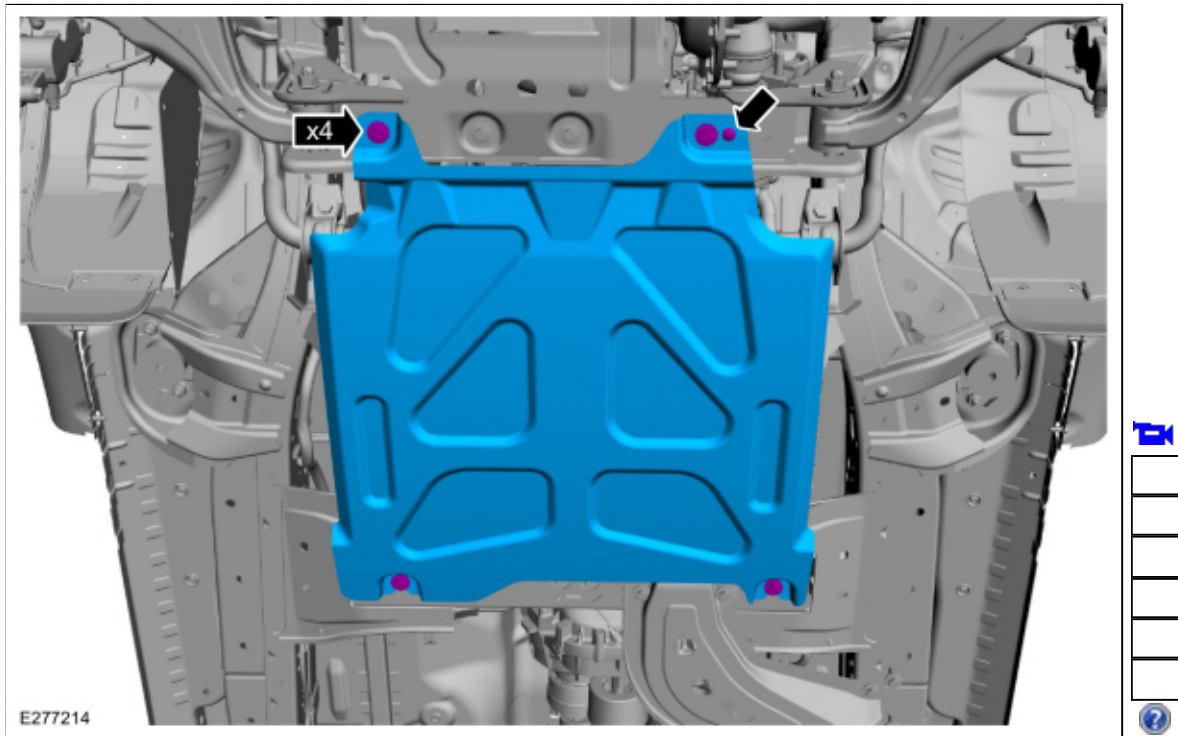


**Four-Wheel Drive (4WD) vehicles**

5. Install the front driveshaft assembly.  
Refer to: [Front Driveshaft](#) (205-01 Driveshaft, Removal and Installation).

**All vehicles**

6. If equipped, install the splash shield, bolts and the retainer.  
*Torque: 22 lb.ft (30 Nm)*



7. Adjust the selector lever cable.  
Refer to: [Selector Lever Cable Adjustment](#) (307-05 Automatic Transmission External Controls, General Procedures).

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